

CLAIMS:

1. An X-ray device provided with an X-ray source (2) and an X-ray detector (3) which are mounted at a respective end of a common holding device (12), the holding device (12) being connected to the room by way of a supporting device (18), characterized in that the supporting device (18) is composed of a plurality of hinged, serially interconnected supporting members (15, 16, 17).

2. An X-ray device as claimed in claim 1,
characterized in that the supporting device (18) is a serial manipulator, notably a robot arm.

3. An X-ray device as claimed in claim 1,
characterized in that the supporting device (18) is constructed and connected to the holding
device (12) in such a manner that the holding device with the X-ray source (2) and the X-ray
detector (3) can be positioned completely as desired.

4. An X-ray device as claimed in claim 1,
characterized in that the motions of the individual supporting members (15, 16, 17) of the
supporting device (18) can be controlled.

5. An X-ray device as claimed in claim 1,
characterized in that the supporting device (18) is connected to the holding device (12) by
way of a hinge (13).

6. An X-ray device as claimed in claim 1,
characterized in that the holding device (12) is composed of at least two holding members
(19, 20, 21), the X-ray source (2) being mounted on a first holding member (20) whereas the
X-ray detector (13) is mounted on a second holding member (21).

7. An X-ray device as claimed in claim 1, characterized in that the holding device (12) is a C-arm.

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